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TI Transparent conductive film  
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AB Ag alloys are used as the metal layer in place of Ag for a transparent ZnS/metal/ZnS conductive film. Ag alloys have higher resistance than Ag toward oxidn. and sulfurization, and films using alloy layers have higher mech. strength and transparency than using Ag. Thus, Ag-(1-10)% Cd, Ag-(1-20)% In and Ag-(0.5-30)% Cu were used to prep. conductive films on glass or polymer substrates. The prep'd. films had higher transmittances than films of same resistance prep'd. from Ag, with Ag-(1-10)% Cu showing the best results.